

AMENDMENTS TO THE CLAIMS

Claims 1-6. (Cancelled)

7. **(Currently Amended)** An optical information recording medium comprising:
a land/groove structure having a land and a groove in which information is recorded in tracks
on both the land and the groove, and the recording can be performed at a plurality of linear
velocities;

wherein the ratio of the maximum recordable linear speed to the minimum recordable linear
speed has a value of 2 to 3;

the ratio of the amount of light reflected from a groove in an unrecorded state to the amount
of light reflected from a land in an unrecorded state has a value of at least 1.08 and no more than
1.19;

the recording or reproduction of information is performed by utilizing a phase change in the
land/groove structure,

the ratio of the groove half-value width to the track pitch is ~~less~~greater than about 0.5 and
~~greater~~less than about 0.6; and

the depth of the groove is from 40 to 65 nm.

8. **(Previously Presented)** The optical information recording medium according to
Claim 7, wherein the amount of light reflected from the groove and the amount of light reflected
from the land are measured by optical units in which the light source has a wavelength of 660 ± 10
nm and a numerical aperture of 0.6 ± 0.01 .

9 - 11. (Cancelled)

12. **(Currently Amended)** An optical information recording ~~and reproduction system for~~
~~recording to and reproducing from the optical information recording~~ medium according to Claim 7,
wherein the optical information recording ~~system~~medium is capable of recording at a plurality of

linear velocities; and

comprises optical units in which the light source has a wavelength of 660 ± 10 nm and a numerical aperture of 0.6 ± 0.01 ; and

wherein recording and reproduction are possible when the ratio of the maximum recordable linear speed to the minimum linear speed has a value of 2 to 3.